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**ORANGE COUNTY AMATEUR RADIO CLUB**  
VOL. XXXV111 NO.8 P.O. BOX 3454, TUSTIN, CA. 92781 AUGUST 1997

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PREZ SEZ:



We have a great program for this month. Learn and absorb all the technical aspects of cellular communications.

See you at the meeting and bring a freind.

Program For August

The program for this month will be on "Air Touch Communications"  
Bob Rich will be our guest speaker, WA6PWA



## 1997 Board of Directors

President.....	Frank Smith	WA6VKZ	838-3180
Vice President.....	Art Sheldon	AD6B	997-3735
Secretary.....	Jim Winn	KE6UCH	731-2732
Treasurer.....	Ken Konechy	W6HHC	744-0217
Activities.....	Art Dillon	KE6WOX	997-2078
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Public Relations.....	Larry Beilin	K6VDP	557-7217
Tech Committee.....	Larry Hoffman	K6LDC	636-4345
Member at Large.....	Bob Eckweiler	AF6C	639-5074
Member at Large.....	Bob Tegel	KD6XO	531-0926

## CLUB APPOINTMENTS

Club Historian.....	Bob Evans	WB6IXN	543-9111
W6ZE Trustee.....	Bob Eckweiler	AF6C	639-5074
RF Editor.....	Bud Barkhurst	WA6VPP	774-6361
Refreshments			

## DUES

Regular Members	\$15.00	Additional Members	\$7.50 each
Teenage Members	\$ 6.00	Optional Club Badge	\$5.00 each

Dues for new members are pro-rated quarterly from January 1st each year. Family members must reside at the address of a regular member. Only one RF is sent per household.



## ARRL SOUTHWESTERN DIVISION CONVENTION



This year's theme, *Hi Tech - Hi Touch* explores Ham Radio's role in the exploding technologies involved in the information revolution.

### HAMCON '97 THE WEEKEND OF SEPTEMBER 12, 13, & 14, 1997

**FRIDAY AFTERNOON at 1:00 PM: AMSAT/ARRL** This is a fast moving five hour workshop on everything you need to get "on the birds." You will learn what equipment is needed to use FM, SSB, digital and CW modes using low-orbit and high-altitude amateur satellites. This will probably be a sell out. You may reserve your seat by writing Rosalie White, WA1STO at ARRL HQ or fax her at 860-594-0259.

**FRIDAY EVENING PRESENTATION:** "TRAVEL ADVENTURES VIA AMATEUR RADIO" Speaker Chip Margelli, K7JA, of Yaesu USA will speak on his thirty years of experiences in Amateur Radio that have earned him over twenty-five wins as a worldwide aficionado of DX and international radiosport competition. Chip puts on a very interesting presentation and may show us some new things to try. Catch the DX fever!

**ADDITIONAL FRIDAY HIGHLIGHTS:** Join your friends at the hosted hospitality bar and discuss your convention activities. Be sure to catch Bill Wysock, N6UXW, doing his famous Tesla Coil Demonstration. And, don't forget that W1AW/6 will be on the air from the Holiday Inn's twelfth floor.

**GRAND BANQUET SPEAKER:** Astronaut **Dr. Ron Sega**, KC5ETH, Colonel in the United States Air Force Reserves. Colonel Sega was a Mission Specialist on shuttle mission STS-60, the first joint U.S./Russian Space Shuttle Mission. He was also a Mission Specialist on Atlantis shuttle mission STS-76. This shuttle mission included transporting the first U.S. woman astronaut to spend time on board the Mir, Dr. Shannon Lucid. **YOU DON'T WANT TO MISS THIS FASCINATING CONCLUSION TO SATURDAY'S ACTIVITIES! BANQUET SEATING IS LIMITED TO THE FIRST 500, SO MAKE YOUR RESERVATIONS EARLY!**

**DX BREAKFAST:** **Dr. Vince Thompson**, MD, K5VT, will host the DX breakfast on Sunday morning. K5VT is well known for his DX activities in the ham radio community. He put on a fascinating program at last year's ARRL Convention held in Arizona covering his DXpedition to Benin, TY5A.

**LADIES/SPOUSES ACTIVITIES:** Historic Mission Inn Tour ~ Orange Blossom Trolley Sightseeing of Historic Downtown Riverside ~ Crafts/Sewing Demos ~ Hand held transceiver demo ~ Special luncheon speaker April Moell, WA6OPS, Presents "Many Faces of Amateur Radio" and much more - all three days!

**ADDITIONAL HIGHLIGHTS:** **Dave Bell**, W6AQ, as Master of Ceremonies at the Grand Banquet ~ Featured Speakers ~ VE TESTING ~ ARRL Conferences ~ YOUTH ACTIVITIES (some tentatively with Astronaut Sega) ~ Swap Meet and T-Hunt on Sunday ~ EXHIBITS of all the major manufacturers and distributors ~ WOUFF HONG Technical Seminars, and much, much more. **WAS/DXCC** Checking ~ Something for everyone! **PRIZES GALORE!**

For details and information contact Joe Magaditsch, KO6XB, Sect - Treas, IECARO at:

TELEPHONE: 909-685-7441

OR WRITE:

Joe Magaditsch

FAX: 909-360-3484

9244 Big Meadow Rd.

Pedley, Ca. 92509-4972

E-Mail [joeko6xb@aol.com](mailto:joeko6xb@aol.com)

Visit us on the internet at: <http://www.ham-radio.com/hamcon/>

**REGISTER EARLY TO SAVE MONEY**



# HAMCON '97 ARRL SOUTHWESTERN DIVISION CONVENTION



THE RIVERSIDE CONVENTION CENTER AND HOLIDAY INN, ONE BLOCK NORTH OF  
THE HISTORIC MISSION INN, 5TH STREET BETWEEN MARKET AND  
ORANGE, DOWNTOWN RIVERSIDE ~ SEPTEMBER, 12, 13, 14, 1997

**HOTEL INFORMATION:** (Prices do not include state tax or Riverside city room/bed taxes.)  
Be sure to make your reservations as early as possible (space is limited), and mention you are with the  
American Radio Relay League to get the special convention rates.

**HOLIDAY INN** 3400 Market Street, Riverside, California 92501  
\$ 62.00 Single / Double, \$ 72.00 Triple / Quadruple Occupancy

For reservations call: (909) 784-8000

**MISSION INN** 3649 Seventh Street, Riverside, California 92501  
\$ 69.00 Single / Double Occupancy. \$ 15.00 for additional except  
children under 18 years stay free with adults.

For reservations call: (800) 843-7755 or (909) 784-0300 ext. 850

**COURTYARD  
MARRIOTT** 1510 University Ave., Riverside, California 92507  
\$ 59.00 Single / Double, \$ 69.00 Triple / Quadruple Occupancy

For reservations call: (800) 321-2211 or (909) 276-1200

**HAMPTON INN** 1590 University Ave., Riverside, California 92501  
\$ 57.00 Single / Double Occupancy

For reservations call: (800) 426 7866 or (909) 683-6000

**RANCHO JURUPA** 4800 Crestmore Road, Riverside, California 92519 (CENTRALLY LOCATED)  
**R.V. PARK** \$ 16.00 per day for two people, \$ 1.00 each additional up to six per site.

For reservations call: (800) 234-PARK or (909) 684-7032 for more information.

**REGISTRATION SCHEDULE:** FRIDAY: 12:30 PM TO 8:00 PM ~ SATURDAY: 8:00 AM TO 6:00 PM  
SUNDAY: 7:00 AM TO 11:00 AM

**TALK-IN FREQUENCIES:** 146.880 (-) PL-146.2 (local) ~ 146.850 (-)  
224.340 (-) PL-156.7 ~ 448.075 (-) PL-156.7 ~ (both on Keller Peak)

Return the form below to: Joe Magaditsch, KO6XB ~ 9244 Big Meadow Road  
Pedley, California 92509-4972 ~ FREE LOGO PIN WITH EARLY REGISTRATION!

-----Fill in, Cut off and return this form -----

Name \_\_\_\_\_ Call \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Additional Guest \_\_\_\_\_ Call \_\_\_\_\_

	QUANTITY	TOTAL
PRE-REGISTRATION (from 5-31 to 8-31, 1997)	_____ @ \$ 12.00	\$ _____
GENERAL REGISTRATION (after 8-31-97, 1997)	_____ @ \$ 15.00	\$ _____
BANQUET	_____ @ \$ 25.00	\$ _____
LADIES/SPOUSES LUNCHEON	_____ @ \$ 15.00	\$ _____
SUNDAY DX BREAKFAST	_____ @ \$ 15.00	\$ _____
<b>PLEASE MAKE CHECKS PAYABLE TO IECARO !</b>	<b>TOTAL</b>	<b>\$ _____</b>

**FRIDAY - SEPT 12**

- 12:30 pm - Registration Opens (til 8 pm)
- 1 - 3 pm ARRL Amateur Auxillary/FCC Meeting (W6BF)
- 1 - 6 pm Satellite Workshop (WA1STO/AMSAT Rep)
- 2 pm Planning for a Public Service Event (AA6JR)
- 3 pm Preparing for Assignments (DECs)
- 4 pm NTS in an Emergency (K6YR/N6GIW)
- 5 pm Exhibit Hall Opens (til 8 pm)  
Hospitality Suite Opens (til 6:30 pm)
- 7 pm Chip Margelli, K7JA: Travel Adventures Via Ham Radio
- 8 pm Bill Wysock, N6UXW: Tesla Coil Demo
- 9 pm Joint Meeting of SW Div Amateur Radio Club Council Leaders (AD0A)

**SATURDAY - SEPT 13**

- 8 am - Registration Opens (til 6 pm)  
ARES/RACES Van Displays  
Ladies Tours/Shopping (til 10 am) #
- 9 am - Exhibit Hall Opens (til 5 pm)  
VE Testing (til 2 pm)  
National ARES Forum (K1CE)  
Education Forum (WA1STO) ##  
Exploring 6 Meters (AA6DD)  
Spread Spectrum (K6KGS)  
Latest Equipment/Techniques for Direction Finding (K0OV)  
Propagation (AA7A)  
VHF/UHF Weak Signal Voice/CW Operation (K06SY)
- 10 am - What do Served Agencies Expect from Hams? (Agency Reps)  
Education through Communication (WB2JKJ) ##  
Introduction to Amateur Microwave (K6OW)  
VHF/UHF Mountaintop Contesting (N6MI)  
Computers and the Ham Shack (K6XC)  
Club Activities That Work (KD6UVP/KC6ING/ KC6TXB)  
DXpedition to China (WU6D)  
Egypt - Oldest of the Old - Newest of the New (WA6BEJ) #

- 11 am - Managing a Disaster (DEC)**  
Ham Radio In Schools (Regional/Local) ##  
Earth-Moon-Earth Via 10 ghz (WA6EXV)  
10-10 International (W6YLJ)  
RTTY Modems - Past, Present , Future (W6IWO/K9GWT)  
Packet BBS Operation (K6VE)  
MARS for the Non-MARS Member (K6IYK)  
Egypt - Oldest of the Old - Newest of the New Continued (WA6BEJ) #
- 12 noon - Ladies/Spouses Luncheon #**  
April Moell, WA6OPS: Many Faces of Amateur Radio
- 1 pm - ARES/RACES Interaction (KG6YS)**  
Simple Access to Ham Satellites (K7JA) ##  
Disaster Preparedness for the Ham (KB6MYE)  
A.P.R.S. - New Frontier In Packet Radio (N6VTX)  
Exploring the Internet (AC6EN)  
Practice Mobile Installation (KK6YO)  
Contesting/DX Forum (AA7A)  
Crafts/Sewing Demonstrations (KC6ACL) #
- 2 pm - Your Place In Public Service Communications (DEC)**  
SAREX Forum - National/Local (WA1STO) ##  
State of Art Design in Home Brew RF Power Amps (WB2WIK)  
Spectrum Management & Frequency Coordination Forum (K6IYK et.al.)  
Power-User Tips for Repeater Operation (N6TFS)  
Public/Media Relations Forum (AA6JR)  
The Queen Mary (W6RO) Story (K6OSC)  
Tours (Mission Inn, etc) #
- 3 pm - Public Service Summary Forum (KO6UX/KG6YS/K6YR)**  
Living the Adventure (KA7ITT) ##  
Amateur Television (WA6SVT)  
Traffic Handling Tutorial (AD0A)  
Spectrum Management & Frequency Coordination Forum Continued (K6IYK et.al.)  
Practical Home Brew Antenna Design (N6NB)  
Newsline (WA6ITF)  
Tours Continued #
- 4 - 5:30 pm - ARRL OPEN FORUM (WA6WZO)**
- 6 pm - Attitude Adjustment**
- 7 pm - Grand Banquet: W6AQ - Master of Ceremonies**  
**KC5ETH - Astronaut - Main Speaker**
- 12 Midnight - Wouff Hong Ceremony**

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**SUNDAY - SEPT 14**

**7 am** - Registration Opens (Til 11 am)  
Swap Meet Begins (Til 11 am)

**8 am** - DX Breakfast  
Traffic Breakfast

**9 am** - Exhibit Hall Opens (Til 12 noon)  
APRS (W6ZL)

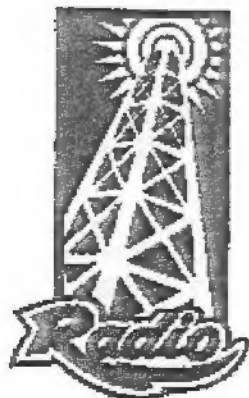
**10 am** - Understanding GPS (WB6NOA)

**11 am** - North Pole Network (April Moel)

**12 Noon** - Exhibits Close/ Final Prize Drawings

**1pm** - SW Division Director's Cabinet Meeting  
T-Hunt

# = Ladies/Spouses program  
## = Youth Program





NETNEWS  
by WB6IXN

7/2 15m Phone Net - W6ZE/AF6C checks in AD6B, RND, IXN, FMX, HHC, NGO, COJ, and RE. AF6C says we need to replace guy line ropes on the Club FD antenna poles, and Bob loses a pair of light brown gloves w/ the initials RWE on them...Finders pse return to AF6C! And AD6B says 15m had the poorest reception on FD since Art has been attending the yearly get-together! RND shook, rattled and rolled w/ high winds at his FD site, so John didn't try to erect his 6m quad ant! John amassed 1366 points w/ over 200 CW contacts! And John said 80m was gud on Sun. morning. IXN quizzes ZE abt 15m contacts on FD, and HHC checks in w/ rough FD low band scores: 20m=854 contacts, 15m=272, 75m=130, 10m=106, 160m=5, and satellite=1. FMX says how much we appreciated NGO & his tractor after using the handheld auger! And Paul tells AF6C to stay away frm Tyson w/ those tender, sunburned ears..HI! NGO tries to work JA 1and this afternoon w/out success, and all OPs welcome NGO bk to the Net! And OPs send kudos to the Chow Crew fer fine FD food! HHC hopes to hear FD reports frm the higher freq. bands soon. And COJ, w/ the harmonic helping him clean up files, will be leaving fer a couple of days vacation. IXN & Lee are off to the San Jacinto Mts. fer a week's vacation, and RE gives the sunspot numbers and solar report.

7/2 2m Phone Net - W6ZE/IXN checks in RE, WOX, VDP, HHC, AF6C, RND, TWA, BWH, LDC, & ZH. RE took the FD message to be sent to VKZ. And Alex listens for, but does not copy a FD message frm ARRL. RND tells Alex that FD messages were sent differently this year. WOX, w/ XYL working changes, takes the harmonic to his soccer game and just misses 15m Net. And Art & family plan to get to the Beach early on the 4th! Art & OPs tnx VKZ, NAH, & TL fer fine FD vittles!! VDP said 6m never opened up on FD, and Larry gives HHC a rough report on VHF contacts. BWH airs Newsline, and Bob tells HHC there were 32 Packet contacts on FD. HHC then repeats low band scores. VDP says there was no 440 MHz operation at the FD site. AF6C says the Club FD message was sent on 6/29 by VKZ. And Bob wud like scores sent to him via 3 1/2" disc in IBM or Apple format. Then Bob plans to go bk East on vacation...NOW A POWER BLACKOUT AT ZE's QTH!! IXN landlines VDP who assumes Net Control. IXN misses LDC's check-in, and VDP gives ZH's comments to IXN by landline next day. (Vandals took out one phase of SCE's high line on McFadden Ave.)

7/9 15m Phone Net - W/ AF6C away, & IXN on vacation, the 15m go-around included WOX, AD6B, and RND.

7/9 2m Phone Net - W6ZE/VDP checked in WOX, VFC, RE, RND, BWH, PZF, TWA, ESD, ZH & LDC. WOX reported a 6m opening to Hawaii, and Art says the XYL is working a 40 hr. wk. now. VFC reports a 6m opening to OR & WA. And Dennis buys a house in Arkansas...He'll be here abt another year. RE attends the Tustin Band Concert, and gets plumbing repairs in the shower to the tune of abt \$500! RND is getting the shack re-arranged after FD in the Desert. BWH installs a permanent rig in the auto, and Bob airs Newsline # 1038. And PZF spends two days at Disneyland w/ 2 Nephews. TWA will work the Amateur Radio Booth at

the OC Fair on July 24, and ESD 'danced in and danced out'. ZH installed a 12V power strip, and, a computer interface for the rig. And LDC operates the 6m Ringo after tuning by VDP.

7/16 15m Phone Net - W6ZE/HHC/AF6C checks in AD6B, RND, VDP, IXN, WOX, & RE. AF6C arrives home late, so HHC acts as NC until Bob can take over. HHC announces that Kei, NGO, passed away last Saturday. A service was held Thurs. eve., July 17, in the Homba-Hong-Wanji Buddhist Temple, 815 E. 3rd. St., in LA. A short burial service at graveside will be held at Fairhaven Cemetery in Santa Ana at 11:15 am, on Friday, July 18. AD6B & IXN hve fans running in their warm shacks. All OPs express sympathy for Ida and Kei's family. RND is putting the finishing touches to re-ordering the shack after FD, and WOX asks John to give the CW SCN freq...3.598 MHz, Mon - Fri, at 7:15 pm. VDP will give list of OP checkins and notes from last week's Net to IXN after 2m Net tonite. IXN wonders whether Kei succumbed to a heart attack or a blood clot! RE, wid a lousy propogation report & no ARRL bulletins, tells OPs he's glad the faulty plumbing has been repaired. AF6C proposes some ideas we might use to honor Kei, who was one of the founding members of the O.C.A.R.C.! AF6C also mentions that OCARC members helped staff the O.C. Radio Amateur Fair Booth. (see 7/16 2m Net below)...

7/16 2m Phone Net - W6ZE/IXN checks in NG7D, WOX, VDP, RND, AF6C, AD6B, ZH, BWH, & VFC. NG7D, using his HT, is doing sum word processing for a friend, and John says the 2m dual bander is still in the closet! And John says Gary, VES, is hving sum dental work done. VDP, WOX, & BWH says that HHC, WOX, VDP, VPP, BWH, ZH, TAM, VKZ, PFA, TL, & TWA, all manned the Amateur Radio Booth at the Orange County Fair at various times...Nice turnout, OPs! VDP will visit Bob Chase' QTH to see what gear Bob had in the shack. RND is happy to hve the shack back in order agn, and AF6C says WOX's audio is a bit light...Art switches mikes and is much louder. AF6C also repeats particulars on Kei's funeral services & burial. IXN gives AD6B sum astronomy news regarding surface structures of some of Jupiter's moons. BWH airs Newslne, and we discover that RS-16 has a CW voice!! Jane, TAM, is in Hogue Hosp, Rm 381. TAM had severe abdominal pain, and Docs suspect the pancreas or gallbladder! IBP, Dotty, fell & broke her arm, which is now in a cast!...ZH wonders if anything else bad can happen just now!! VFC hears a 6m opening into AL, GA, TX & FL this morning!

7/23 15m Phone Net - W6ZE/AF6C checks in ZH, AD6B, WOX, IXN, FMX, & RE. ZH is heard by all wid the 600W amplifier on duty. And Jane is out of the hospital wid the pancreatitis cured, and a possible gall bladder removal in the near future! AF6C, ZH, & AD6B comment on ideas to try to get more new Club members, and AD6B talks abt a global warming article in the Register. OPs congrats Art on 36 yrs of 'wedded bliss'! AF6C met NGO in 1969, and IXN met Kei in 1963. AD6B & OPs think it might be nice to hve a Club meeting centered arnd the history of NGO in amateur radio! WOX hears IXN for the 1st time tonite!!...And Art busies himself picking up the harmonic, after summer camp excursions, at SAC. IXN doesn't know who operated Solar Power at FD, and Bob has a Physical coming up next week. FMX & XYL

celebrate the XYL's completion of summer school wid dinner out before Net. And Paul says VKZ had the solar powered station at FD. RE hears ZH's 600Ws well tonite, and Alex copies WIAW ARRL Bulletins...a page 4ft. long!! Alex only reads the FCC guidelines fer handling electronics applications fer licensing & fees procedures fer vanity call signs starting wid Gate 3 fer Advanced Class licenses.

7/23 2m Phone Net W6ZE/IXN checks in ZH & TAM, WOX, VFC, AD6B, BWH, RE, VDP, & TWA. IXN complains abt 'critters' on the tomato plants, and TAM tells IXN to use 1 tablespoon of dish detergent to 2 qts. of water as a spray. IXN will now attack these critters wid a vengeance!! ZH puts Windows 95 on the computer, while AD6B removes said porgram frm his computer! And ZH conjures up memories of Boolean algebra as he programs an ICOM 22-S rig he got frm N7AZ...10W on packet radio fer \$40!! WOX's harmonic dissects a fish at summer camp, which conjured up memories of NGO & the Club fishing parties reiterated by AF6C on 15m tonite! BWH checks in frm a mag-mount on the kitchen table tonite!...Gud sigs, Bob! And Bob hears ZH FB frm Bellflower on the mag-mount! BWH receives tnx frm OPs fer airing another Newslne, and AD6B airs more abt article in the Register on global warming. RE calls TAM fer a health report last Sun., and Alex gives a sparse sunspot report. If you need FCC addresses fer licensing, give RE a landline. VDP is helping N7AZ's family dispense wid the ham gear. And Larry also gets in on the 6m opening announced by VFC. Larry works a TX station, while VFC announces band openings into NC, SC, FL, GE, AL, and TX! And Dennis says the OP traveling the different Grid Squares in the midwest is interesting, but, the band better be open when he does it! TWA 'flies in & flies out'.

7/30 15m Phone Net - W6ZE/AF6C checks in AD6B, RND, VKZ, IXN, HHC, XO, & RE. AD6B will be traveling to VA soon, and Art also completes a Marshall Is. QSO. AF6C tells AD6B that the FCC speaker fer Sept. meeting has been confirmed. RND works some special event stations, and Pakistan! John also babysits harmonics frm Salt Lake City. Now RND is off to landline Idaho before the 2m Net. VKZ, wid high QRN at the QTH, will attnd the Club Bfast Sat. IXN will soon hve tests on a bumpy prostate gland, and VKZ has S9 sigs at IXN's QTH. AF6C has EQ Bulletins fer IXN, and XO copies VKZ abt Sl. XO says VPP, PFA, ZH, AF6C, HHC, VKZ, BWH, DLA, and others hve already signed up to provide communications fer the upcoming annual Carriage event at Pacific Palisades. HHC questions RND abt the ant. he used to work RA0FA/ASAG in Pakistan. Ken says VKZ has strong sigs at the QTH. Fer week of the 23rd, RE reports a high of 11 sunspots, and a low of 0. AF6C goes to work fer a 'new boss' soon...namely, Boeing!

7/30 2m Phone Net - W6ZE/IXN checks in VFC, AD6B, RE, RND, VDP, BWH/m, USB, TWA, and KF6HMX. Roger. VFC says there has been sum 6m double-hop to the East Coast. And Dennis worked GE & NM. Dennis' new QTH in grid square EM34, in the Arkansas Ozarks, has closed escrow! AD6B says an ARRL Bulletin said that ARRL had changed the position of their 20m ant. RE says propogation is bad, and the XYL just got over a bout wid stomach flu. RND plans an Oct. trip bk to his hometown of Woodbury, CT., to see the old homestead, his dad's store, etc., as the leaves turn color. And John and VDP discuss GAP vert. antennas. VDP

is getting N7AZ's gear ready for the DeVry Swapmeet. And Larry plans to go with a group of QRP ZuniLoopers on an outing to Table Mt. Meanwhile, VDP will go 'round & round' with the ins. co. over renewal of QTH insurance! BWH airs Newsline #1041 after returning to the QTH. LBK, with the flu last week, managed to play with his radios. TWA pulls out most of his garden, works two days at the O.C. Fair, and finds RND's planned trip back to CT very interesting. Roger, KF6HMX, and UBK meet on 145.400 MHz after Net.

#### For Sale/ Wanted

Need Cable ? Frank WA6VKZ  
has 9913 coax for \$.52/ft.(714) 838-3180

How about a Radio? Larry K6LDC  
will sell a Swan 500 with/spkr/pwr.  
Needs Work. \$75.00 or will trade  
for???? Call (714) 636-4345

An Antenna? 10 Meter Vertical \$30.  
Gap Vertical for HF, needs refurb.  
\$30. Larry K6VDP (714) 557-7217

Another Radio, YAESU FT-227R  
2 Mtr Rig \$75.  
Art AD6B (714) 997-3735

What? Timewave DSP-9 w/one  
upgrade \$125. N6UC (714) 544-5369

Old Goodies, Lots of Stuff call  
Larry K6VDP also QST back to  
1940.

Wanted Antenna, R7 Vertical  
Call John WA6RND  
(714) 633-7469

Would Like a 2Mtr Mobile Rig  
Jim Winn, KE6UCH  
(714) 731-2732

General meeting of 7-18-97

Meeting was called to order at 7:30 pm by President Frank Smith, WA6VKZ. Board members absent were KD6BWH, AF6C and KD6XO. A motion to approve the General meeting minutes as published was made by NAH and seconded by VFC. A motion to approve the Board meeting minutes as published was made by LDC and seconded by PPP. Both were approved by membership. The presentation for the evening was given by Will Anderson on Radio Wave Propagation.

Old Business: Pres, VKZ explained that the new membership roster would be late because of printing problems. Those OPs participating at the Orange County Fair felt it was successful. There was considerable discussion regarding building membership and marketing the club. A committee consisting of Larry AC6WN, Bob AF6C, Chris KJ6ZH and Art KE6WOX will meet Tuesday at 7:30pm at a members home to formulate a marketing plan. There was brief discussion about the future and legality of the club trailer and nothing was decided. VKZ suggested tha the club members who reside in the City of Tustin approach the City Council about using one of the new parks for field day.

Chris, KJ6ZH attended the ARRL convention meeting and stated that the club was officially running the Wouff Houg. Also the convention will be running a special events station W1AW-6 and volunteers are needed to run the station. If interested see Chris. Larry, K6LDC will make flyers for the ARRL convention.

New Business: None

Good of the Club (announcements): Bob AF6C suggested the club members be thinking of a way to honor Kei, W6NGO who recently became a silent key. All agreed to discuss it further at the next board meeting. Larry, VDP announced a yard sale this Saturday at the home of Bob Chase, N7AZ also a silent key. Art, AD6B announced the program for August is by Bob Lynch on Spread Spectrum reception and transmission.

Meeting was adjourned at 9:50pm

Respectfully submitted

Jim Winn KE6UCH, Secretary

Board meeting of 8/2/97

Meeting was called to order at 8:30 am by President, Frank Smith WA6VKZ. Board members absent were KE6WOX and K6LDC. VKZ introduced his daughter Suzy and her friend Chuck.

Old Business: Pres. VKZ asked the RF editor to put the application and agenda for the ARRL convention in the next newsletter. The convention fees and agenda were discussed and a motion to double the postage was made by Ken, W6HHC and seconded by Larry K6VDP. Motion was passed by the majority. Chris, KJ6ZH discussed the Wouff Hound and called for a planning meeting for those who volunteered. The home of Ken, W6HHC on 8/6/97 at 7pm was decided on. VKZ briefly discussed literature received from Buckmaster.

Bob, KD6XO discussed the California Classic. 146.895Mhz. will be used for the talk-in and suggested OPs bring a lunch. The committee for marketing the club will meet again on Tues, 8/5/97 at 7:37 at Ken's home. Chris KJ6ZH explained that the committee had roughed out a marketing plan. They identified a mission and took a look at the club's strength and weakness, opportunities and threats of the club. They have identified some target markets, potential goals and objectives and ways of implementing a plan and will report to the membership. Tom, WA6PFA and Frank, WA6VKZ are looking into storage of the club trailer. Further discussion postponed till the next general meeting.

New Business: VKZ proposed a motion that the club accept business card size ads in the RF at a rate of \$10 per year as a way to offset publishing costs. Jim, KE6UCH made the motion and Steve, KE6NAH seconded. Passed unanimously.

Good of the Club (announcements): VKZ announced that he is accepting nominations for the Good of the club award. They can be anonymous or non-anonymous and show one good reason why the person should be eligible. Nominations will be accepted through November. Bob, KD6BWH mentioned that the providers of News Line are asking for a donation. W6HHC suggested that the hat be passed at the next general meeting and VKZ asked that he be reminded to do that. Art, AD6B announced that the program for the month is by Bob Lynch, WA6PWA on Spread Spectrum reception and transmission. In Sept. a speaker from the FCC, Oct. is the auction, Nov. is the election and Dec. is the Christmas party. John, KD6PZF suggested that the club meeting location be announced at the club net.

Treasury: Ken, W6HHC reported \$1091.50 in the treasury.

Membership: Bob, KD6BWH reported 50 paid members.

Meeting was adjourned at 9:25 am  
Respectfully submitted  
Jim Winn, KE6UCH Secretary

# Roster Edited for Member's Privacy

By Call July 28, 97

Call	1st	Last	Addr	City	St	Zip
	Blanch	Berry		Garden Grove	CA	92643
AD6B	Art	Sheldon		Orange	CA	92867
AF6C	Bob	Eckweiler		Orange	CA	92669
K6GEP	Tim	Goeppinger		Santa Ana	CA	92705
K6LDC	Larry	Hoffman		Garden Grove	CA	92841
K6VDP	Larry	Beilin		Costa Mesa	CA	92626
KA6CZI	Howard	Atwell		Anaheim	CA	92807
KA6HJC	Glen	Work		Garden Grove	CA	92640
KB6TWA	Charles	West		Santa Ana	CA	92706
KB6VFC	Dennis	Kimbell		Westminster	CA	92683
KC6DLA	Bruce	Creager		Orange	CA	92669
KC6LTD	Walt	Rogers		Buena Park	CA	90620
KC6ONZ	Don	Hughes		Garden Grove	CA	92640
KC6OPI	Cindy	Hughes		Garden Grove	CA	92640
KC6TAM	Jane	Breller		Bellflower	CA	90706
KD6BWH	Bob	Buss		Garden Grove	CA	92640
KD6FZE	Patrick	Hughes		Garden Grove	CA	92640
KD6PZF	John	Clarke		Santa Ana	CA	92703
KD6XO	Bob	Tegel		Westminster	CA	92683
KE6NAH	Steve	Rasmussen		Lakewood	CA	90712
KE6UCH	Jim	Winn		Tustin	CA	92680
KE6WON	Art	Dillon		Orange	CA	92669
KE6YZW	Dave	Coulter		Costa Mesa	CA	92627
KJ6ZH	Chris	Breller		Bellflower	CA	90706
KK6QW	Rolf	Franzke		Fountain Valley	CA	92708
KM6TL	Bob	Schnabel		Anaheim	CA	92805
KR6LO	Larry	Ferguson		Newport Beach	CA	92658
N6IAT	Arthur	Fuschetti		Corona Del Mar	CA	92625
N6UC	Jack	Hollander		Tustin	CA	92680
N6XTJ	Jim	Roberts		Ojai	CA	93023
N7PA	Phil	Andersen		Santa Ana	CA	92705
W6AZW	Dick	Schumaker		Orange	CA	92669
W6COJ	Dave	Hollander		Santa Ana	CA	92705
W6HHC	Ken	Konechy		Orange	CA	92669
W6IBP	Dorothy	Watts		Moreno Valley	CA	92553
W6IBR	Albert	Watts		Moreno Valley	CA	92553
W6KFW	Chris	Winter		Santa Ana	CA	92704
W6NGO	K.	Yamachika		Orange	CA	92669
W6NT	Ray	Davis		Newport Beach	CA	92660
W6RE	Ralph	Alexander		Tustin	CA	92680
W6LVC	Bob	Cannon		Yorba Linda	CA	92686
W6VMV	Arnold	Abrahamson		Silverado	CA	92676
W6ZXI	Reg	Thatcher		Newport Beach	CA	92663
W9ESD	Robert	Coats		Costa Mesa	CA	92626
WA6PFA	Tom	Thomas		Orange	CA	92669
WA6RND	John	Dawson		Orange	CA	92667
WA6VKZ	Frank	Smith		Tustin	CA	92680
WA6VPP	Bud	Barkhurst		Anaheim	CA	92805
WB6IXN	Bob	Evans		Santa Ana	CA	92701
WD6FMX	Paul	Beard		Tustin	CA	92680

Count: 50



FIELD DAY SUMMARY  
FOR  
THE ORANGE COUNTY AMATEUR RADIO CLUB - W6ZE

BY: Ken / W6HHC & Bob / AF6C

YEAR	160M SSB	80M CW	75M SSB	40M CW	40M SSB	20M CW	20M SSB	17M SSB	15M CW	15M SSB	12M SSB	10M CW	10M SSB	5M PHN	2M CW	2M PHN	2M PKT	220 PHN	220 ATV	440-- PHN	SAT- ELLITE	NOVICE (CW)	QSO's / (POINTS)	----- TOTAL -----
1997	5	81	131	83	306	150	853	0	14	275	0	0	106	32	0	79	32	4	0	0	1	0	0	2,152 / 5,024
1998	-	146	228	104	125	283	873	0	40	605	0	0	217	121	0	32	13	0	40	0	1	0	0	2,628 / 6,428
1999	-	145	272	203	94	443	572	0	51	451	0	0	131	66	0	93	33	29	8	0	6	0	0	2,597 / 6,944
2000	-	114	114	208	45	486	748	0	85	761	0	13	312	58	0	94	31	33	0	0	0	0	0	3,102 / 8,078
2001	-	150	100	159	81	530	700	30	131	812	0	0	179	40	0	86	35	12	16	0	0	0	0	3,081 / 8,132
2002	-	0	294	200	110	541	555	0	0	840	0	0	232	13	0	74	41	0	1	2	80	0	0	2,983 / 7,530
2003	-	105	308	182	182	400	623	23	9	463	0	0	104	4	0	141	48	23	11	0	0	0	0	2,626 / 6,740
2004	-	0	0	70	144	0	370	-	0	747	0	0	131	39	0	114	2	14	26	0	-	0	0	1,657 / 3,454
2005	-	30	0	98	5	0	906	-	21	172	0	0	230	3	0	121	18	24	9	1	-	0	0	1,646 / 3,590
2006	-	127	0	66	75	2	359	-	0	570	0	0	81	0	0	32	14	0	-	-	-	0	27	1,497 / 3,726
2007	-	22	0	0	39	0	708	-	0	18	1	0	0	1	0	51	5	0	-	-	-	0	0	962 / 2,202
2008	-	0	46	219	78	0	488	-	0	45	10	0	0	0	0	82	0	0	-	-	-	0	0	968 / 2,374
2009	-	81	0	311	91	35	662	-	75	0	-	0	0	0	0	22	-	0	-	-	-	4	4	1,288 / 3,602
2010	-	0	0	310	0	32	196	-	0	350	-	0	0	0	0	0	-	0	-	-	-	18	3	941 / 2,672
2011	-	3	93	200	0	0	776	-	0	995	-	0	43	18	0	16	-	1	-	-	-	0	0	2,145 / 4,886
2012	-	0	105	49	238	40	352	-	0	515	-	0	72	0	0	155	-	27	-	-	-	0	10	1,582 / 3,400
2013	-	0	167	200	265	60	699	-	77	717	-	0	105	0	0	197	-	0	-	-	-	0	0	2,487 / 5,648
2014	-	20	149	205	235	471	318	-	52	1,025	-	0	226	12	0	100	-	36	-	-	-	0	0	2,849 / 7,194
2015	-	0	195	198	92	42	773	-	0	737	-	0	95	0	2	124	-	8	-	-	-	0	0	2,266 / 5,016
2016	-	14	196	242	170	30	981	-	50	558	-	0	145	0	1	164	-	23	-	-	-	2	4	2,600 / 5,928
2017	-	25	243	163	199	0	843	-	47	486	-	0	309	0	4	234	-	0	-	-	-	0	19	2,610 / 5,812
2018	-	99	254	152	487	21	600	-	64	210	-	2	54	0	0	2	-	0	-	-	-	0	0	1,945 / 4,566
2019	-	90	120	154	274	40	863	-	140	259	-	0	123	0	0	0	-	0	-	-	-	0	0	2,053 / 4,934
2020	-	0	161	0	333	0	630	-	0	342	-	0	110	0	0	0	-	0	-	-	-	6	6	1,800 / 3,248
2021	-	90	226	0	452	0	932	-	0	273	-	0	0	0	0	46	-	0	-	-	-	0	0	2,019 / 4,216
2022	-	0	50	0	350	0	521	-	0	530	-	0	0	0	0	94	-	0	-	-	-	0	0	1,545 / 3,090
2023	-	0	274	0	106	0	530	-	0	136	-	0	0	0	0	0	-	0	-	-	-	0	0	1,046 / 2,092
2024	-	0	272	0	0	0	531	-	0	426	-	0	0	0	0	0	-	0	-	-	-	0	0	1,229 / 2,458
2025	-	0	98	0	50	0	375	-	0	301	-	0	0	0	0	169	-	0	-	-	-	0	0	993 / 1,986
2026	-	10	224	62	396	93	328	-	24	430	-	0	68	0	0	145	-	0	-	-	-	0	0	1,780 / 3,838

Note: These are raw contacts taken directly from the log sheets. Adjustments have not been made for duplicate contacts, and bonus points have not been added yet. Final scores appear in OCT in the fall.



# Don't Miss the Fun!

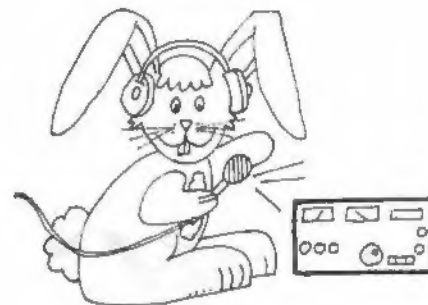
## The 2nd Bi-Annual



### **NOT SO DX-PEDITION**

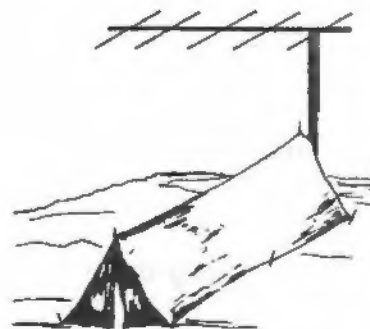
# Save

the Weekend of October  
10, 11th & 12th



**Location to be announced.  
Probably El Mirage Dry  
Lake or Yucca Valley**

- ☺ No digging holes required!!!
- ☺ Wire antennas are good.
- ☺ No real organization.
- ☺ You can sleep-in mornings.
- ☺ You can operate all night.



- ☺ Tents, campers, trailers, motorhomes are acceptable.

#### Need Info?

Telephone Larry K6LDC at (714) 636-4345  
or Art KE6WOX at (714) 997-2078

# Club Nets

<u>Band</u>	<u>Mode</u>	<u>Day</u>	<u>Local Time</u>	<u>Freq. Mhz.</u>	<u>Net Control</u>
15 Meters	SSB	Wednesday	7:30 P.M.	21.375*	AF6C
2 Meters	FM	Wednesday	8:30 P.M.	146.550 Simplex	WB6IXN

(Listen for W6ZE, Net Control)

\* Plus or Minus QRM

## General Meeting

AUGUST 15TH  
SEP 19TH  
OCTOBER 17TH

General meeting is the third Friday of each month, 7:30 P.M., at the AMERICAN RED CROSS facilities.

601 N. Golden Circle Dr. , Santa Ana, CA

Major cross streets: Fourth Street and Tustin Ave.

Talk-in frequency 146.550 MHZ. simplex.

## Board Breakfast

SEP 6TH  
OCTOBER 4TH  
NOV 1ST

Board Meeting is the first Saturday of each month at 8:00 A.M..

The Wildflower Restaurant - members and visitors are welcome.

2525 N. Grand Ave., Santa Ana, CA

Exit the 5 freeway at 17th St., go east to Grand Ave. Go north on Grand; or exit the 22 Freeway at Glassell/Grand. Go south to restaurant.



Orange County Amateur Radio Club, Inc

P.O. Box 3454

Tustin, CA 92781



## First Class Mail

To:

**Your Personal  
Copy**

**Time Dated Material  
PLEASE RUSH**